

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

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A.C.T.

A SUMMARY OF THE DAIRYING INDUSTRY IN AUSTRALIAYEAR ENDED JUNE, 1946VOLUME 9.NO. 7.

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(15/10/46)

DAIRY CATTLE

1. NUMBER OF DAIRY CATTLE: Details of the number of dairy cattle in Australia as at 31st March, 1943, 1944, 1945 and 1946 are as follows:-

TABLE I. DAIRY CATTLE : AUSTRALIA.

Dairy Cattle	31st March -			
	1943	1944	1945	1946
Cows in Milk	2,370,982	2,292,769	2,277,718	2,254,667
Cows, Dry	835,774	900,063	861,673	770,276
<u>Total - Dairy Cows:</u>	<u>3,207,756</u>	<u>3,192,832</u>	<u>3,139,391</u>	<u>3,024,943</u>
Heifers - 1 year and over for dairying ..	837,465	855,629	852,792	864,230
Calves - under 1 year ..	635,201	753,762	714,637	611,326
Bulls - 1 year and over ..	117,874	111,660	108,674	106,192
<u>Total - Dairy Cattle:</u>	<u>4,908,296</u>	<u>4,914,083</u>	<u>4,815,494</u>	<u>4,606,691</u>

The decline in the number of dairy cattle continued during 1945-46. Since March, 1943, when the numbers reached almost 5 million, there has been a continued downward movement. By March, 1944, the numbers had declined to 4,914,000, a reduction of 84,000 or 1.7 per cent. By March, 1945, a further decrease of almost 99,000 or 2.0 per cent. occurred and by March, 1946, the numbers had decreased by a further 209,000 or 4.3 per cent. Over the whole period there was a total decrease of 392,000 or 7.8 per cent.

Decreases occurred in all States except N.A. Vic. and Wld., the States which produce the greatest quantity of butter and cheese, were severely affected. The numbers of dairy cattle in Victoria declined by 146,000 or 10 per cent. and in Queensland, by 135,000 or 8.6 per cent. The decrease in New South Wales was less severe and amounted to 76,000 or 5.6 per cent. The percentage decreases in the other States were 11.7 per cent. in Tasmania and 6.8 per cent. in South Australia. In W.A. an increase of about 3,000 was recorded.

The numbers of dairy heifers, 1 year and over, have increased from 837,000 in March, 1943, to 864,000 in March, 1946. New South Wales showed an increase of about 24,000 and Victoria of 25,000. In Queensland and Tasmania, however, decreases of about 20,000 and 2,000 respectively, occurred, while the numbers in South Australia and Western Australia remained about the same as in 1943.

The number of dairy calves under 1 year has decreased to such an extent that it seems likely that a further decline will occur in total dairy cattle numbers. At March, 1943, there were 835,000 but by March, 1946, the numbers had declined to 611,000. This decrease in numbers was distributed over all States, but the most significant drop occurred in Victoria where there was a loss of 100,000 (36 per cent.). This was followed by Queensland with 63,000 (27 per cent.), New South Wales with 39,000 (20 per cent.), South Australia with 13,000 (29 per cent.), Tasmania with 7,000 (20 per cent.) and Western Australia, 2,000 (3.5 per cent.).

The following table shows dairy cattle numbers in each State as at 31st March in each of the years 1943 to 1946:-

TABLE II. DAIRY CATTLE : STATES.

State	31st March	Dairy Cows		Dairy Heifers 1 year & over	Dairy Calves under 1 year	Dairy Bulls	Total Dairy Cattle
		In Milk	Dry				
N.S.W.	1943	(a) 721,417	205,182	210,468	190,585	26,720	1,354,372
	1944	(a) 691,867	227,268	206,138	185,297	26,116	1,336,686
	1945	(a) 706,272	196,885	212,834	189,777	25,767	1,331,535
	1946	(a) 674,809	192,083	234,195	151,946	25,281	1,278,314
VIC.	1943	642,110	235,054	247,374	281,512	39,480	1,445,530
	1944	611,599	263,197	275,005	218,970	37,257	1,406,028
	1945	591,437	267,763	267,265	202,258	35,479	1,364,202
	1946	629,046	182,353	272,102	181,170	35,098	1,299,769
QLD.	1943	764,629	270,631	273,520	232,276	32,569	1,573,625
	1944	749,162	273,697	267,539	225,134	30,522	1,546,054
	1945	742,387	258,991	256,451	210,960	30,453	1,509,242
	1946	714,791	272,401	253,597	169,032	29,184	1,439,005
S.A.	1943	109,154	48,143	43,288	44,822	8,189	253,596
	1944	111,022	50,654	44,043	39,991	7,393	253,103
	1945	108,428	53,525	41,907	34,099	7,149	245,108
	1946	112,003	38,098	42,457	31,648	7,095	231,301
W.A.	1943	68,471	61,292	39,728	50,787	6,410	226,688
	1944	67,770	70,330	41,804	54,831	6,634	241,369
	1945	66,690	70,314	42,806	48,962	6,157	234,929
	1946	62,951	70,994	40,566	48,966	6,034	229,511
TAS.	1943	64,414	16,145	22,883	35,016	4,488	142,946
	1944	60,485	14,529	20,833	29,221	3,707	128,775
	1945	61,617	13,818	20,892	28,097	3,642	128,066
	1946	60,032	13,911	20,683	28,079	3,462	126,167
A.C.T.	1943	787	327	204	203	18	1,539
	1944	864	388	467	318	31	2,068
	1945	887	377	637	484	27	2,412
	1946	1,035	436	630	485	38	2,624
TOTAL:	1943	2,370,982	836,774	837,465	835,201	117,874	4,998,296
	1944	2,292,769	900,063	855,829	753,762	111,660	4,914,083
	1945	2,277,718	861,673	852,792	714,637	108,674	4,815,494
	1946	2,254,667	770,276	864,230	611,326	106,192	4,606,691

(a) Includes Other Milking Cows not in Registered Dairies.

In addition to the decline in total number of dairy cattle, there has been substantial decrease in the number of dairy cows recorded as being in milk and in their proportion to total dairy cows. This is shown in Tables III and IV which should be read in the light of the footnotes as to the seasonal dates to which the figures relate.

TABLE III. DAIRY COWS IN MILK AND DRY : AUSTRALIA.

Description	Beginning of Year -			31st March -			
	1939	1942	1943	1944	1945	1946	
In Milk ..	2,600,707	2,564,863	2,370,982	2,292,769	2,277,718	2,254,667	
Dry ..	608,812	681,992	836,774	900,063	861,673	770,276	
TOTAL:	3,209,519	3,246,855	3,207,756	3,192,832	3,139,391	3,024,943	

See footnotes to Table IV.

TABLE IV. DAIRY COWS IN MILK : STATES.

State	Beginning of Year -		31st March -			
	1939	1942	1943	1944	1945	1946
N.S.W. ..	(a) 789,445	(a) 745,755	721,417	691,867	706,272	674,809
VIC. ..	(b) 723,651	(b) 738,453	642,110	611,599	591,437	629,046
QLD. ..	(c) 787,795	(c) 778,000	764,629	749,162	742,387	714,791
S.A. ..	(c) 122,720	(c) 126,507	109,154	111,022	108,428	112,003
W.A. ..	(c) 98,131	(c) 103,992	68,471	67,770	66,690	62,951
TAS. ..	(c) 78,149	(a) 71,244	64,414	60,485	61,617	60,032
A.C.T. ..	(a) 816	(a) 912	787	864	887	1,035
TOTAL:	2,600,707	2,564,863	2,370,982	2,292,769	2,277,718	2,254,667

(a) As at 31st March. (b) As at 1st March. (c) As at 1st January.

2. PRODUCTION & UTILIZATION OF WHOLE MILK - AUSTRALIA: The production of milk on farms for all purposes is estimated at approximately 1,063 million gallons in 1945-46 compared with 1,013 million gallons in 1944-45 and 1,189 million gallons in 1938-39.

On the average during the years 1938-39 to 1945-46, approximately 72 per cent. of the total milk supply was used in the production of butter, 6 per cent. in the production of cheese, and 5 per cent. in the production of processed milk products. These proportions did not hold throughout the period. The proportion of milk used in butter-making decreased continuously from 78 per cent. in 1938-39 to 66 per cent. in 1945-46.

The whole of the decrease in milk production as well as the diversion of substantial quantities of milk to the manufacture of cheese and processed milk has been reflected in a substantial decrease in the quantity of milk used for cream for butter.

TABLE V. PRODUCTION & UTILIZATION OF WHOLE MILK : AUSTRALIA.
(In Thousand Gallons)

Year	Quantity of Whole Milk used for -				
	Butter (Factory & Farm)	Cheese (Factory & Farm)	Condensary Products	Other Purposes	Total
1938-39	925,308	64,994	33,367	165,505	1,189,174
1939-40	983,116	68,351	37,045	165,488	1,254,000
1940-41	904,495	59,334	50,431	176,012	1,190,272
1941-42	792,929	66,862	63,070	182,008	1,104,869
1942-43	795,390	79,321	55,017	199,902	1,129,630
1943-44	733,451	77,961	63,253	192,012	1,066,677
1944-45	670,206	76,533	62,440	203,651	1,012,830
1945-46(a)	704,293	89,777	62,810	206,434	1,063,314

(a) Subject to revision.

3. MONTHLY PRODUCTION & UTILIZATION OF WHOLE MILK - AUSTRALIA: In the following table, particulars are given for the year 1945-46 of the total production of milk in Australia, by months, distinguishing between the quantities used for the manufacture of butter, cheese, products of milk condensaries and the quantity of whole milk consumed for all other purposes. The quantities shown for use in the manufacture of butter and cheese are estimates based on the annual factory returns. To these have been added the estimated milk equivalent of butter and cheese made on farms. Particulars of the quantity of whole milk used in the production of condensary products are as recorded by factories so engaged.

The quantity of milk used for all other purposes represents the quantities recorded by the Milk Boards in the several States, plus an estimate of the quantity consumed in areas outside those controlled by the Boards. Milk consumed on farms is included.

TABLE VI. ESTIMATED PRODUCTION AND UTILIZATION OF WHOLE MILK
AUSTRALIA, 1945-46.
(In Thousand Gallons)

Month	Estimated whole Milk equivalent of -		Whole Milk used by Condensaries	Whole Milk used for all other purposes	Total Whole Milk used
	Butter (Fac- tory & Farm)	Cheese (Fac- tory & Farm)			
1945:					
July ..	33,192	3,561	2,779	16,740	56,272
August ..	42,230	5,486	3,902	17,071	68,689
September ..	52,999	8,432	5,813	16,934	84,178
October ..	76,560	11,439	7,512	17,263	112,774
November ..	77,422	11,287	8,420	17,379	114,508
December ..	79,151	10,593	7,762	17,388	114,914
1946:					
January ..	68,854	7,693	5,219	17,446	99,212
February ..	67,921	7,072	4,360	17,555	96,928
March ..	70,471	7,761	4,570	17,720	100,522
April ..	56,935	6,367	4,561	17,433	85,296
May ..	45,346	5,645	4,122	16,814	71,927
June ..	33,212	4,441	3,750	16,691	58,094
TOTAL:	704,293	89,777	62,810	206,434	1,063,314

BUTTER

4. PRODUCTION: The total output of butter for 1945-46 was approximately 150,000 tons, (145,000 tons produced in factories and 5,000 tons on farms), an increase of 8,000 tons or 5.9 per cent. on the production of the previous year. Production in 1945-46 was, however, approximately 53,000 tons or 26 per cent. less than average annual production in the three years ended June, 1941.

The following table shows the production of butter in factories for each State, and the grand total in factories and on farms for Australia, for the years 1938-39 to 1945-46:-

TABLE VII. PRODUCTION OF BUTTER IN FACTORIES
(In Tons of 2,240 lb.)

YEAR	FACTORY PRODUCTION							GRAND TOTAL FACTORY & FARM
	N.S.W.	VIC.	QLD.	S.A.	W.A.	TAS.	TOTAL	
1938-39	50,822	56,611	68,919	7,836	6,545	4,053	194,786	203,500
1939-40	50,009	72,004	62,409	8,858	6,250	4,156	203,686	211,987
1940-41	46,331	68,414	52,268	8,203	6,152	3,632	185,000	192,893
1941-42	37,998	61,558	42,712	7,912	6,990	3,598	160,768	167,631
1942-43	41,864	54,809	49,782	8,065	6,446	3,389	164,355	171,237
1943-44	39,222	48,864	45,276	8,049	6,155	3,268	150,834	156,282
1944-45	32,019	46,443	42,415	6,974	5,676	3,643	137,170	141,960
1945-46(a)	33,145	49,786	45,196	7,810	5,661	3,717	145,315	150,194

(a) Subject to revision.

5. MONTHLY FACTORY PRODUCTION OF BUTTER - AUSTRALIA: Table VIII below shows the monthly production of factory butter in Australia in each of the years 1938-39 and 1941-42 to 1945-46:-

TABLE VIII. MONTHLY FACTORY PRODUCTION OF BUTTER : AUSTRALIA.
(In Tons of 2,240 lb.)

Month	1938-39	1941-42	1942-43	1943-44	1944-45	1945-46(a)
July ..	9,415	10,003	10,317	7,142	6,124	6,708
August ..	11,645	11,028	11,589	8,224	8,586	8,636
September ..	15,531	14,164	14,016	11,591	12,538	10,895
October ..	20,485	17,227	17,206	16,955	16,831	15,881
November ..	22,561	17,605	19,832	20,927	15,955	16,016
December ..	20,710	17,860	19,516	20,997	15,193	16,456
January ..	15,872	12,977	19,521	18,688	15,409	14,315
February ..	15,816	13,261	15,439	14,670	12,129	14,152
March ..	17,729	14,505	13,369	12,194	12,922	14,664
April ..	16,583	12,078	9,067	7,748	8,707	11,713
May ..	15,568	10,283	7,688	6,265	6,784	9,231
June ..	12,871	9,777	6,795	5,433	5,992	6,648
<u>TOTAL:</u>	194,786	160,768	164,355	150,834	137,170	145,315

(a) Subject to revision.

In Table IX, monthly and annual figures for factory production of butter are shown for each State for each of the five years ended June, 1942 to 1946.

TABLE IX. MONTHLY FACTORY PRODUCTION OF BUTTER : STATES.

(In Tons of 2,240 lb.)

State	Year	July	August	Sep- tember	Oc- tober	Novem- ber	Decem- ber	Jan- uary	Feb- ruary	March	April	May	June	TOTAL YEAR
New South Wales ..	1941-42	2,050	2,070	2,612	3,350	3,542	3,843	2,975	3,710	4,516	3,858	3,031	2,441	37,998
	1942-43	2,303	2,378	2,661	3,345	5,012	5,385	5,838	4,564	3,861	2,736	2,135	1,646	41,864
	1943-44	1,480	1,462	2,195	3,840	5,157	5,832	5,715	4,559	3,765	2,306	1,726	1,185	39,222
	1944-45	1,097	1,365	2,405	3,787	3,649	3,362	3,572	3,022	3,690	2,589	2,001	1,480	32,019
	1945-46	1,464	1,787	2,236	3,370	3,295	3,936	3,639	3,635	3,792	2,760	1,994	1,237	33,145
Victoria ..	1941-42	3,460	4,554	6,695	8,731	8,851	8,299	5,660	3,881	3,359	2,866	2,565	2,637	61,558
	1942-43	2,931	4,042	6,088	8,022	8,167	7,264	5,217	3,740	3,310	2,236	1,959	1,833	54,809
	1943-44	2,236	3,241	5,022	7,134	7,976	7,039	4,824	3,272	2,563	1,908	1,808	1,841	48,864
	1944-45	2,163	3,438	5,151	7,096	7,170	5,927	4,671	3,198	2,896	1,949	1,514	1,270	46,443
	1945-46	1,599	2,476	3,822	6,181	6,716	5,801	4,260	3,824	4,555	4,299	3,634	2,619	49,786
Queensland ..	1941-42	3,131	2,701	2,524	2,509	2,671	3,373	2,847	4,667	5,829	4,735	4,015	3,710	42,712
	1942-43	3,757	3,543	3,227	3,249	4,212	4,907	7,029	6,150	5,350	3,410	2,701	2,247	49,782
	1943-44	2,031	1,851	2,341	3,499	5,284	6,099	6,744	5,891	5,081	2,957	1,996	1,502	45,276
	1944-45	1,684	2,218	3,102	3,648	2,933	4,081	5,691	4,977	5,534	3,541	2,619	2,387	42,415
	1945-46	2,622	3,044	3,150	3,987	3,719	4,870	4,988	5,644	5,208	3,673	2,581	1,710	45,196
South Australia ..	1941-42	666	819	1,108	1,062	952	855	536	438	346	298	331	501	7,912
	1942-43	695	887	963	1,119	969	673	563	433	429	372	478	484	8,065
	1943-44	660	792	915	1,058	1,009	798	614	456	406	341	462	538	8,049
	1944-45	658	801	845	897	788	647	546	382	364	312	329	405	6,974
	1945-46	462	609	714	893	809	675	603	523	652	582	639	649	7,810
Western Australia ..	1941-42	634	784	968	1,108	994	814	462	227	159	156	258	426	6,990
	1942-43	574	642	821	964	837	705	398	215	167	222	365	536	6,446
	1943-44	681	772	890	1,000	904	634	346	156	125	120	205	322	6,155
	1944-45	463	663	806	927	815	583	393	178	112	118	225	393	5,676
	1945-46	495	615	741	972	876	629	395	179	115	102	205	337	5,661
Tasmania ..	1941-42	62	100	257	467	595	676	497	338	296	165	83	62	3,598
	1942-43	57	97	256	507	635	582	476	337	252	91	50	49	3,389
	1943-44	54	106	228	424	597	595	445	336	254	116	68	45	3,268
	1944-45	59	101	229	476	600	593	536	372	326	198	96	57	3,643
	1945-46	66	105	232	476	601	545	430	347	342	297	178	96	3,717
<u>COMMONWEALTH TOTAL:</u>	1941-42	10,003	11,028	14,164	17,227	17,605	17,860	12,977	13,261	14,505	12,078	10,283	9,777	160,768
	1942-43	10,317	11,589	14,016	17,206	19,832	19,516	19,521	15,439	13,369	9,067	7,688	6,795	164,355
	1943-44	7,142	8,224	11,591	16,955	20,927	20,997	18,688	14,670	12,194	7,748	6,265	5,433	150,834
	1944-45	6,124	8,586	12,538	16,831	15,955	15,193	15,409	12,129	12,922	8,707	6,784	5,992	137,170
	1945-46	6,708	8,636	10,895	15,881	16,016	16,456	14,315	14,152	14,664	11,713	9,231	6,648	145,315

Note: Details shown for 1945-46 are subject to revision.

6. OVERSEA EXPORTS OF BUTTER: In the table below, particulars are given of the quantity of butter exported from Australia in the years 1938-39 and 1942-43 to 1945-46 according to the country to which exported.

Total exports of butter during 1945-46 amounted to almost 62,000 tons, the greatest quantity exported since 1940-41. It is still below the record shipment in 1939-40 of 117,547 tons. The average quantity exported during the five pre-war years ended 1938-39 was 96,100 tons.

TABLE X. EXPORTS OF BUTTER^(a) TO VARIOUS COUNTRIES : AUSTRALIA:
(In Tons of 2,240 lb.)

Country to which Exported	1938-39	1942-43	1943-44	1944-45	1945-46
United Kingdom ..	96,896	52,609	41,718	36,832	55,036
Ceylon ..	357	967	1,237	1,439	1,873
Hong Kong ..	366	-	-	-	160
India ..	126	33	108	856	1,155
Malaya (British) ..	764	-	-	-	391
Mauritius ..	66	133	130	31	13
Pacific Islands -					
Territory of New Guinea	88	-	345	124	231
Other Islands ..	47	498	273	119	194
Palestine ..	61	-	7	-	250
West Indies (British) ..	56	174	54	-	52
Other British Countries	309	3,015	2,445	2,147	1,663
<u>Total British Countries:</u>	99,138	57,429	46,317	41,548	61,018
China ..	170	-	-	-	-
Egypt ..	646	1,063	766	901	451
Japan ..	-	-	-	-	207
Netherlands East Indies	1,970	-	1	-	73
Pacific Islands -					
New Caledonia ..	38	192	147	99	124
New Hebrides ..	6	10	51	9	8
Society Islands ..	16	29	40	-	-
Other Islands ..	4	5	3	1	1
Philippine Islands ..	411	-	-	-	112
Other Foreign Countries	82	62	42	11	-
<u>Total Foreign Countries:</u>	3,343	1,361	1,050	1,021	976
<u>GRAND TOTAL:</u>	102,481	58,790	47,367	42,569	61,994

(a) Includes Dry Butter, Ghee and Tropical Spread expressed as Butter, but excludes Ships' Stores.

Table XI shows monthly and annual figures of the quantity of butter exported from each State for each of the five years ended June, 1942 to 1946.

TABLE XI. MONTHLY OVERSEA EXPORTS OF BUTTER^(a) : STATES.
(In Tons of 2,240 lb.)

State of Shipment	Year	July	August	Sep- tember	Oc- tober	Nov- ember	Dec- ember	Jan- uary	Feb- ruary	March	April	May	June	TOTAL YEAR
New South Wales ..	1941-42	674	406	233	105	502	759	108	112	457	114	326	431	4,227
	1942-43	911	483	324	393	560	816	2,126	1,185	210	228	223	206	7,665
	1943-44	176	145	210	163	168	919	1,585	877	243	150	105	274	5,017
	1944-45	124	98	49	113	658	1,178	58	110	188	403	195	370	3,544
	1945-46	408	163	323	577	859	435	1,196	36	1,492	374	107	419	6,389
Victoria ..	1941-42	1,094	260	1,891	4,605	5,088	5,421	6,937	2,612	1,415	1,717	169	180	31,389
	1942-43	385	783	1,034	1,190	5,198	7,192	6,881	1,160	2,544	213	329	392	27,301
	1943-44	126	25	659	1,525	3,124	8,310	2,408	2,555	1,615	1,096	457	200	22,100
	1944-45	625	710	259	1,981	5,427	6,769	2,235	886	224	2,334	765	257	22,472
	1945-46	493	139	807	2,355	3,393	3,340	5,411	1,829	738	3,655	1,772	1,817	25,749
Queensland ..	1941-42	2,178	262	1,356	275	1,140	239	1,011	1,958	1,992	2,515	1,271	5,001	19,198
	1942-43	555	881	3,154	23	2,353	2,740	722	6,151	-	2,811	3,238	172	22,800
	1943-44	44	2	57	1	999	2,574	2,672	1,527	6,281	3,873	32	96	18,158
	1944-45	-	52	74	136	2,711	3,008	1,528	1,828	817	256	1,818	2,299	14,527
	1945-46	2,064	1,317	1,250	1,041	1,815	2,869	648	4,682	2,585	2,996	3,697	2,338	27,502
South Australia ..	1941-42	-	-	527	420	44	443	1	108	-	-	-	-	1,548
	1942-43	-	-	-	-	-	615	238	-	5	-	-	-	858
	1943-44	-	-	-	103	22	-	-	-	780	80	-	-	985
	1944-45	-	-	127	-	50	128	161	-	-	-	-	-	752
	1945-46	40	-	-	50	80	98	-	429	124	52	201	-	1,074
Western Australia ..	1941-42	14	3	395	381	102	576	16	1	-	-	-	-	1,488
	1942-43	-	-	-	113	53	-	-	-	-	-	-	-	166
	1943-44	-	-	-	869	-	16	-	19	-	-	-	-	904
	1944-45	29	18	-	347	433	-	-	37	-	-	68	17	949
	1945-46	-	30	-	716	-	280	-	-	236	-	-	-	1,262
Tasmania ..	1941-42	-	-	-	-	-	-	-	237	-	104	-	-	341
	1942-43	-	-	-	-	-	-	-	-	-	-	-	-	-
	1943-44	-	-	-	-	-	-	-	-	203	-	-	-	203
	1944-45	-	-	16	-	-	-	-	213	-	-	96	-	325
	1945-46	-	-	-	-	-	-	-	-	-	-	-	-	-
COMMONWEALTH TOTAL:	1941-42	3,960	931	4,402	5,786	6,876	7,443	8,073	5,028	3,864	4,450	1,766	5,612	58,191
	1942-43	1,851	2,147	4,512	1,719	8,164	11,363	9,967	8,496	2,759	3,252	3,790	770	58,790
	1943-44	348	172	926	2,661	4,313	11,819	6,665	4,978	9,122	5,199	594	570	47,367
	1944-45	778	878	525	2,577	9,279	11,083	3,982	3,074	1,229	2,993	3,228	2,943	42,569
	1945-46	3,005	1,649	2,380	4,739	6,147	7,022	7,255	6,976	5,175	7,077	5,977	(b)4,592	(b)61,994

(a) Includes Dry Butter Fat, Ghee and Tropical Spread expressed as Butter, but excludes Ships' Stores.
(b) Includes 18 tons exported from Northern Territory.

7. PRODUCTION, CONSUMPTION AND EXPORTS OF BUTTER - AUSTRALIA: Details of the production, consumption and export of butter for Australia for the years 1938-39 to 1945-46 are as follows:-

TABLE XII. PRODUCTION, CONSUMPTION AND EXPORTS OF BUTTER : AUSTRALIA.

Year	Factory and Farm Production	Consumption in Australia		Net Oversea Exports (a) including Ships' Stores	
		Quantity	Per Head	Quantity	Percentage on Production
	tons	tons	lb.	tons	%
1938-39	203,500	100,666	32.55	102,834	50.53
1939-40	211,987	94,440	30.26	117,547	55.45
1940-41	192,893	105,155	33.32	87,738	45.49
1941-42	167,631	(c) 109,058	(d) 33.25	58,573	34.94
1942-43	171,237	(c) 112,171	(d) 34.56	59,066	34.49
1943-44	156,282	(c) 108,602	(d) 27.50	47,680	30.51
1944-45	141,960	(c) 99,043	(d) 24.70	42,917	30.49
1945-46(b)	150,194	(c) 87,830	(d) 24.70	62,364	41.52

(a) Includes Dry Butter Fat, Ghee and Tropical Spread expressed as butter. (b) Subject to revision. (c) Includes consumption by Armed Forces in Australia. (d) Civilian consumption.

Note: The rationing of butter in Australia commenced on 7th June, 1943, at the rate of 8 oz. per head per week. On 7th June, 1944, this rate was reduced to 6 oz. per head per week at which level it still remains.

8. STOCKS OF BUTTER HELD IN COLD STORES - AUSTRALIA: In the following table, details of the stocks of butter held in cold stores are given for each month from July, 1942 to August, 1946.

TABLE XIII. STOCKS OF BUTTER HELD IN COLD STORES : AUSTRALIA.

(Source: Commonwealth Food Control)
(In Tons of 2,240 lb.)

Month	1942-43	1943-44	1944-45	1945-46	1946-47
July ..	7,079	3,629	4,257	8,461	7,792
August ..	7,147	2,780	4,035	9,209	7,516
September ..	8,211	3,700	9,305	10,446	
October ..	15,240	9,827	9,593	9,806	
November ..	12,749	15,284	11,187	9,588	
December ..	14,232	15,480	11,075	12,364	
January ..	16,052	20,395	14,262	13,840	
February ..	17,454	18,473	17,069	17,736	
March ..	17,742	13,952	19,551	20,704	
April ..	13,687	10,467	18,954	13,291	
May ..	6,810	8,075	16,225	15,393	
June ..	4,110	5,451	12,729	12,625	

9. BUTTER PRICES - AUSTRALIA AND UNITED KINGDOM:

(1) Wholesale Price in Australia: A statement on price movements to 6th March, 1942, was given in an earlier issue of the Dairy Summary (Volume 6, No.4). On that date the Prices Commissioner authorized an increase of 1d. per lb. bringing the wholesale price for butter to 1/5¹/₂d. per lb. (166/10d. per cwt.) in New South Wales, Victoria, Queensland and Tasmania. No change has since occurred.

In South Australia and Western Australia, prices are fixed under an equalization scheme operating in each State. These prices vary slightly from those in the Eastern States, and amount to 164/6 per cwt. in South Australia and 171/6d. in Western Australia.

(ii) Equalization Rate: The average prices paid to factories for butter produced in New South Wales, Victoria, Queensland and Tasmania, whether sold in Australia or abroad, are shown in Table XIV below in respect of the years 1938-39 and 1941-42 to 1945-46. The amounts exclude Government subsidy paid to dairy farmers:-

TABLE XIV. AVERAGE EQUALIZATION RATE FOR BUTTER SOLD

(Source: Commonwealth Dairy Produce Equalization Committee Limited)
(Price per cwt. excluding Dairy Industry Subsidy)

Month	1938-39	1941-42	1942-43	1943-44	1944-45	1945-46
	s. d	s. d	s. d	s. d	s. d	s. d
July ..	147. 9	147. 6	} 153. 0½	157. 11½	154. 9½	165. 0(a)
August ..	145. 2	145. 9				
September ..	135. 10	143. +				
October ..	133. 6	141. 9	} 148. 1	148. 6	148. 4(a)	165. 0(a)
November ..	140. 5	139. 5				
December ..	141. 9	140. 5				
January ..	141. 11	143. 4	} 152. 0½	153. 1½	152. +	165. 0(a)
February ..	140. 6	144. 6				
March ..	139. 11	151. 0				
April ..	139. 11	151. 0	} 159. 0½	159. 3	165. 0(a)	169. 0(a)
May ..	139. 1	151. 0				
June ..	141. 1	151. 0				
<u>Weighted Average:</u>	136. 3½	145. 5½	151. 11½	152. 11½	152. 9½(b)	(c)

(a) Progress payments, subject to further advance. (b) Subject to revision.

(c) Not yet available.

(iii) Contract Prices: The price of Australian butter and dry butter fat sold to the United Kingdom has been fixed in accordance with the terms of the several contracts between the two Governments, particulars of which are shown in the following table.

It should be noted, however, that the contract price quoted for the period July, 1944 to June, 1947 does not include a lump sum payment made by the United Kingdom. This payment is designed to raise the export values to a level which, with the price subsidy paid by the Commonwealth, returns to dairy farmers (after the latest subsidy adjustment), an average of 1s. 7½d per lb. (commercial butter equivalent).

TABLE XV. CONTRACT PRICES OF BUTTER F.O.B. AUSTRALIAN PORTS.

(Price per cwt.)

Grade	July, 1942 to June, 1944		July, 1944 to June, 1946		July, 1946 to June, 1947	
	Sterling	Australian Currency	Sterling	Australian Currency	Sterling	Australian Currency
	s. d	s. d	s. d	s. d	s. d	s. d
Choicest ..	114. 3	142. 10	147. 9	184. 8	173. 6	216. 10½
First Grade ..	113. 0	141. 3	146. 6	183. 1	172. 3	215. 4
Second Grade ..	109. 5	136. 9	142. 11	178. 7	168. 6	210. 7½
Pastry ..	-	-	140. 0	175. 0	165. 6	206. 10½

(iv) Contract Quantities: Although provision was made in the several contracts for the supply and purchase of stated quantities of butter, the decline in production and the increased demand by Australian and Allied services based on Australia necessitated reductions from year to year in the contract quantities for export to United Kingdom and brought about rationing restrictions in Australia (See Table IX and Table XI).

C H E E S E

10. PRODUCTION - AUSTRALIA: The total production of cheese in Australia during 1945-46 was 41,000 tons and is the greatest quantity ever produced in any year. It exceeded the previous highest output of 1942-43 by nearly 4,900 tons.

The following table shows production of cheese in factories for each State, and the grand total in factories and on farms for Australia in the years 1938-39 to 1945-46:-

TABLE XVI. PRODUCTION OF CHEESE.

(In Tons of 2,240 lb.)

YEAR	FACTORY PRODUCTION							GRAND TOTAL FACTORY & FARM
	N.S.W.	VIC.	QLD.	S.A.	W.A.	TAS.	TOTAL	
1938-39	3,211	8,637	7,031	8,239	436	1,420	28,974	29,304
1939-40	2,962	10,884	6,179	9,174	376	1,395	30,970	31,154
1940-41	2,862	8,166	5,238	8,673	424	1,282	26,645	26,789
1941-42	2,332	10,037	7,292	8,439	580	1,370	30,050	30,153
1942-43	2,297	11,266	12,729	7,999	723	965	35,979	36,127
1943-44	2,399	11,868	10,733	8,805	792	1,052	35,649	35,825
1944-45	1,964	12,205	10,101	8,244	822	1,122	34,458	34,637
1945-46(a)	2,181	15,032	11,746	10,066	816	995	40,836	41,015

(a) Subject to revision.

11. MONTHLY FACTORY PRODUCTION OF CHEESE - AUSTRALIA: The monthly production of cheese in factories in Australia is shown in the table below for 1938-39 and each of the years 1940-41 to 1945-46:-

TABLE XVII. MONTHLY FACTORY PRODUCTION OF CHEESE : AUSTRALIA.

(In Tons of 2,240 lb.)

Month	1938-39	1941-42	1942-43	1943-44	1944-45	1945-46(a)
July ..	1,517	1,669	2,367	1,755	1,572	1,626
August ..	1,950	2,208	3,024	2,288	2,555	2,505
September ..	2,820	3,065	3,707	3,602	3,918	3,848
October ..	4,028	3,891	4,631	5,250	5,273	5,216
November ..	3,990	3,852	4,974	5,521	4,858	5,140
December ..	3,462	3,283	4,261	4,975	4,112	4,614
January ..	2,212	2,196	3,767	3,627	3,264	3,493
February ..	1,715	1,904	2,649	2,634	2,433	3,205
March ..	1,826	2,117	2,220	2,126	2,471	3,514
April ..	1,656	1,909	1,502	1,448	1,496	2,886
May ..	1,698	1,900	1,417	1,199	1,279	2,563
June ..	1,900	2,056	1,460	1,224	1,227	2,024
<u>TOTAL:</u>	28,974	30,050	35,979	35,649	34,458	40,836

The production of cheese in factories in the various States during each month of the five years ended June, 1946, is given in Table XVIII following:-

TABLE XVIII. MONTHLY FACTORY PRODUCTION OF CHEESE : STATES
(In Tons of 2,240 lb.)

State	Year	July	August	Sep- tember	Oct- tober	Novem- ber	Decem- ber	Jan- uary	Feb- ruary	March	April	May	June	TOTAL YEAR
New South Wales	1941-42	135	147	195	279	292	259	181	152	201	193	168	130	2,332
	1942-43	114	137	167	189	328	364	331	226	173	113	85	70	2,297
	1943-44	73	75	157	332	387	392	336	251	176	104	68	48	2,399
	1944-45	49	73	171	296	263	236	183	184	195	127	93	74	1,964
	1945-46	68	112	197	276	233	305	236	204	227	133	109	77	2,181
Victoria	1941-42	407	609	1,104	1,518	1,587	1,376	885	557	542	498	487	467	10,037
	1942-43	531	804	1,214	1,808	1,862	1,602	1,139	721	628	360	300	297	11,266
	1943-44	369	652	1,238	2,083	2,116	1,897	1,108	708	566	432	341	356	11,868
	1944-45	429	810	1,449	2,147	2,140	1,799	1,187	759	695	354	243	193	12,205
	1945-46	237	620	1,288	2,001	2,202	1,960	1,213	1,158	1,461	1,210	1,016	666	15,032
Queensland	1941-42	436	490	476	442	385	364	321	606	961	931	909	971	7,292
	1942-43	1,093	1,216	1,162	1,064	1,207	1,215	1,592	1,265	1,001	707	614	593	12,729
	1943-44	644	661	872	1,108	1,308	1,373	1,344	1,160	940	576	393	354	10,733
	1944-45	445	667	962	1,131	823	835	1,122	1,022	1,132	698	651	613	10,101
	1945-46	816	1,027	1,165	1,235	1,001	1,219	1,221	1,190	1,033	746	617	476	11,746
South Australia	1941-42	599	822	1,112	1,376	1,262	1,005	602	438	298	230	274	421	8,439
	1942-43	551	753	1,004	1,306	1,280	861	543	322	328	269	349	431	7,999
	1943-44	576	782	1,146	1,441	1,410	1,042	657	397	332	268	346	408	8,805
	1944-45	569	861	1,118	1,428	1,295	959	566	336	330	235	244	301	8,244
	1945-46	450	652	1,023	1,419	1,386	1,053	623	536	695	724	767	736	10,066
Western Australia	1941-42	48	73	89	110	103	69	29	8	3	4	17	27	560
	1942-43	49	75	107	146	134	66	32	10	5	9	42	46	723
	1943-44	65	80	116	161	134	90	49	15	10	14	20	30	792
	1944-45	60	107	152	134	141	97	51	17	9	10	18	26	622
	1945-46	35	63	114	168	158	111	66	21	11	8	18	43	816
Tasmania	1941-42	44	67	89	166	223	210	178	143	112	53	45	40	1,370
	1942-43	29	39	53	116	163	153	130	105	85	44	27	21	965
	1943-44	28	38	73	125	166	173	133	103	100	54	31	28	1,052
	1944-45	20	37	66	137	176	186	153	115	110	72	30	20	1,122
	1945-46	20	31	61	117	160	166	132	94	67	65	36	26	995
COMMONWEALTH TOTAL:		1,669	2,208	3,065	3,891	3,852	3,283	2,196	1,904	2,117	1,909	1,900	2,056	30,050
		2,367	3,024	3,707	4,631	4,974	4,261	3,767	2,649	2,220	1,502	1,417	1,460	35,979
		1,755	2,288	3,602	5,250	5,521	4,975	3,627	2,634	2,126	1,448	1,199	1,224	35,649
		1,572	2,555	3,918	5,273	4,858	4,112	3,264	2,433	2,471	1,496	1,279	1,227	34,458
		1,626	2,505	3,848	5,218	5,140	4,814	3,493	3,205	3,514	2,866	2,563	2,024	40,836

Note: Figures for 1945-46 are subject to revision.

12. OVERSEA EXPORTS OF CHEESE: In the table below, details are given of the quantity of cheese exported from Australia in the years 1938-39 and 1942-43 to 1945-46, according to the country to which exported.

In 1938-39, United Kingdom received 97 per cent. of Australia's exports, but only 19 per cent. in 1944-45. The proportion in 1945-46 has risen to 63 per cent. The large proportion of exports to India and Egypt has been connected with provisioning of armed forces.

TABLE XIX. EXPORTS OF CHEESE TO VARIOUS COUNTRIES : AUSTRALIA.

(In Tons of 2,240 lb.)

Country to which Exported			1938-39	1942-43	1943-44	1944-45	1945-46
United Kingdom	..		15,535	6,831	3,748	2,822	9,225
Hong Kong	..	..	88	-	-	-	69
India	..	..	57	159	3,592	7,141	3,046
Malaya (British)	..		90	-	-	-	167
Pacific Islands -							
Territory of New Guinea	..		10	-	121	39	13
Other Islands	..		5	245	50	2	11
Other British Countries	..		33	3,251	1,152	2,374	772
<u>TOTAL BRITISH:</u>			15,818	10,486	8,663	12,378	13,303
China	..	..	37	-	-	-	-
Egypt	..	..	67	346	5,972	2,467	1,149
Netherlands East Indies	..		27	-	-	-	52
Pacific Islands -							
New Caledonia	..		21	98	18	35	40
Other Islands	..		-	10	8	4	4
Philippine Islands	..		65	-	-	-	-
Other Foreign Countries	..		3	651	60	79	80
<u>TOTAL FOREIGN:</u>			220	1,105	6,058	2,585	1,325
<u>GRAND TOTAL:</u>			16,038	11,591	14,721	14,963	14,628

In the next table, details are given of the quantity of cheese exported monthly from each State from July, 1942 to June, 1946.

TABLE XX. MONTHLY OVERSEA EXPORTS OF CHEESE : STATES.
(In Tons of 2,240 lb.)

State of Shipment	Year	July	August	Sep- tember	Oct- tober	Nov- ember	Dec- ember	Jan- uary	Feb- ruary	March	April	May	June	TOTAL YEAR
New South Wales ..	1941-42	156	50	133	33	71	110	228	57	74	13	43	32	1,000
	1942-43	168	395	66	930	65	46	313	61	178	25	114	19	2,380
	1943-44	50	1,101	1,072	206	28	3	725	83	791	61	23	408	4,551
	1944-45	346	771	597	497	170	32	373	110	358	236	131	1,161	4,782
	1945-46	392	31	404	552	585	84	302	6	5	26	25	24	2,436
Victoria ..	1941-42	708	168	221	541	555	818	2,247	413	105	207	56	134	6,193
	1942-43	297	195	389	491	36	484	818	885	395	671	28	78	4,767
	1943-44	-	38	716	41	1,969	1,379	243	6	583	325	398	946	6,644
	1944-45	1,161	617	444	538	715	529	151	1,004	438	975	824	4	7,400
	1945-46	608	672	203	336	462	105	111	380	629	1,164	201	450	5,323
Queensland ..	1941-42	523	34	545	316	126	52	1	-	505	126	146	1,044	3,418
	1942-43	16	-	1	-	47	-	-	813	865	-	435	-	2,177
	1943-44	-	-	-	-	-	-	177	422	217	469	102	1	1,388
	1944-45	-	1	19	9	51	93	-	77	164	42	58	11	525
	1945-46	-	-	-	-	50	97	-	764	639	1,464	631	637	4,282
South Australia ..	1941-42	33	37	410	557	91	1,275	114	859	-	17	39	-	3,432
	1942-43	-	1	8	17	738	453	681	49	26	-	-	294	2,267
	1943-44	-	101	-	604	-	531	-	-	902	-	-	-	2,138
	1944-45	-	397	-	511	13	952	383	-	-	-	-	-	2,256
	1945-46	96	-	-	-	293	417	149	615	299	578	133	-	2,580
Western Australia ..	1941-42	-	-	-	-	-	-	-	-	-	-	-	-	-
	1942-43	-	-	-	-	-	-	-	-	-	-	-	-	-
	1943-44	-	-	-	-	-	-	-	-	-	-	-	-	-
	1944-45	-	-	-	-	-	-	-	-	-	-	-	-	-
	1945-46	-	-	-	-	5	-	1	1	-	-	-	-	7
Tasmania ..	1941-42	-	-	-	-	-	-	-	-	-	-	-	-	-
	1942-43	-	-	-	-	-	-	-	-	-	-	-	-	-
	1943-44	-	-	-	-	-	-	-	-	-	-	-	-	-
	1944-45	-	-	-	-	-	-	-	-	-	-	-	-	-
	1945-46	-	-	-	-	-	-	-	-	-	-	-	-	-
<u>COMMONWEALTH TOTAL:</u>	1941-42	1,420	309	1,309	1,447	843	2,255	2,590	1,329	684	363	284	1,210	14,043
	1942-43	481	591	464	1,438	886	983	1,812	1,808	1,464	696	577	391	11,591
	1943-44	50	1,240	1,788	851	1,997	1,913	1,145	511	2,493	855	523	1,355	14,721
	1944-45	1,507	1,786	1,060	1,555	949	1,606	907	1,191	960	1,253	1,013	1,176	14,963
	1945-46	1,096	703	607	890	1,395	703	563	1,766	1,572	3,232	990	1,111	14,628

13. PRODUCTION, CONSUMPTION AND EXPORTS OF CHEESE - AUSTRALIA: Details of the production, consumption and exports of cheese for Australia for the years 1938-39 to 1945-46 are shown below:-

TABLE XXI. PRODUCTION, CONSUMPTION AND EXPORTS OF CHEESE : AUSTRALIA.

Year	Factory and Farm Production	Consumption in Australia		Net Oversea Exports, including Ships' Stores	
		Quantity	Per Head	Quantity	Percentage on Production
	tons	tons	lb.	tons	%
1938-39	29,304	13,275	4.29	16,029	54.70
1939-40	31,154	11,875	3.80	19,279	61.88
1940-41	26,789	11,553	3.66	15,236	56.87
1941-42	30,153	(b)16,048	(c)4.92	14,105	46.78
1942-43	36,127	(b)24,690	(c)6.50	11,437	31.66
1943-44	35,825	(b)21,020	(c)6.50	14,805	41.33
1944-45	34,637	(b)19,557	(c)6.10	15,080	42.34
1945-46(a)	41,015	(b)26,254	(c)7.66	14,761	36.00

(a) Subject to revision. (b) Includes Consumption by Armed Forces in Australia. (c) Civilian consumption.

14. STOCKS OF CHEESE HELD IN COLD STORES - AUSTRALIA: In the following table details of the stocks of cheese held in cold stores are given for each month from July, 1942 to July, 1946:-

TABLE XXII. STOCKS OF CHEESE HELD IN COLD STORES : AUSTRALIA.

(Source: Commonwealth Food Control)

(In Tons of 2,240 lb.)

Month	1942-43	1943-44	1944-45	1945-46	1946-47
July ..	1,151	1,178	2,954	3,066	3,740
August ..	1,391	979	2,389	2,809	3,932
September ..	1,839	1,404	2,414	3,124	
October ..	3,322	1,968	3,059	4,946	
November ..	3,985	3,975	4,437	5,663	
December ..	4,876	5,361	5,255	9,561	
January ..	5,121	7,464	5,350	10,627	
February ..	5,933	7,351	5,862	5,257	
March ..	5,416	8,425	6,510	5,829	
April ..	4,625	6,304	6,259	4,081	
May ..	3,242	5,213	5,164	4,788	
June ..	1,913	4,901	4,017	5,454	

15. CHEESE PRICES - AUSTRALIA AND UNITED KINGDOM:

(i) Wholesale Price in Australia: Under the stabilization scheme which operates in all States excepting Western Australia, the wholesale price of cheese was fixed at 10^d. per lb. in June, 1938. On 6th March, 1942, the Prices Commissioner authorized an increase of 1^d. per lb. throughout Australia which brought the maximum wholesale price at which cheese may be sold to 1/- per lb. in all States excepting Western Australia. There has been no change since that date.

(ii) Equalization Rate: The average prices paid to factories during the years 1938-39 and 1941-42 to 1945-46 for cheese products in New South Wales, Victoria, Queensland, South Australia and Tasmania, whether sold in Australia or abroad, were as follows:-

TABLE XXIII. AVERAGE EQUALIZATION RATE OF CHEESE SOLD.

(Source: Commonwealth Dairy Produce Equalization Committee Limited)

(Price per lb. excluding Dairy Industry Subsidy)

Month	1938-39	1941-42	1942-43	1943-44	1944-45	1945-46
	d.	d.	d.	d.	d.	d.
July ..	9.02	9.03	10.09	10.31	10.09	10.88(a)
August ..	8.69	8.92				
September ..	8.27	8.70				
October ..	8.07	8.70	9.68	10.00	9.76	10.88(a)
November ..	7.89	8.65				
December ..	7.70	8.60				
January ..	7.12	8.70	9.81	10.08	10.29	10.88(a)
February ..	7.69	8.97				
March ..	7.71	9.94				
April ..	7.86	9.94	10.25	10.59	10.88(a)	10.88(a)
May ..	7.71	9.94				
June ..	8.13	9.94				
Weighted Average:	7.68	9.11	9.91	10.16	9.94(b)	(c)

(a) Progress payments subject to further advance. (b) Subject to revision.

(c) Not yet available.

(iii) Contract Prices: As in the case of butter, contracts have been negotiated between the Governments of the Commonwealth and the United Kingdom for the sale of cheese. In addition to the contract prices shown in the table below, cheese production also shares in the special lump sum payments by the Government of the United Kingdom in fixed proportion to butter based upon butter-fat content.

TABLE XXIV. CHEESE - CONTRACT PRICES, F.O.B. AUSTRALIAN PORTS.

(Price per cwt.)

Grade	July, 1941 to June, 1942		July, 1942 to June, 1944		July, 1944 to June, 1946		July, 1946 to June, 1947	
	Ster- ling	Aust. Currency	Ster- ling	Aust. Currency	Ster- ling	Aust. Currency	Ster- ling	Aust. Currency
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Choicest & First	67. 0	83. 9	70. 0	87. 6	86. 0	107. 6	101. 0	126. 3
Second ..	65. 0	81. 3	66. 0	85. 0	84. 0	105. 0	99. 0	121. 9
Third ..	63. 0	78. 9	66. 0	82. 6	82. 0	102. 6	97. 0	121. 3

(iv) Contract Quantities: Although provision was made in the several contracts for the supply and purchase of stated quantities of cheese, the quantities shipped were less than stipulated. Service demands in India, Egypt and elsewhere accounted for the greater part of exports. There was also considerable increase in consumption in Australia due, no doubt, to the rationing of butter.

PRESERVED MILK PRODUCTS

16. PRODUCTION OF PRESERVED MILK PRODUCTS: In addition to the production of butter and cheese, considerable quantities of whole milk are diverted to the production of preserved milk products, particulars of which are given for the years 1938-39 to 1945-46 in the table below:-

TABLE XXV. PRODUCTION OF PRESERVED MILK PRODUCTS : AUSTRALIA.

(In Tons of 2,240 lb.)

Year	Condensed - Sweetened & Unsweetened	Concen- trated	Powdered (a)	Infants' & Invalids' Food (b)	TOTAL
1938-39	15,520	1,659	10,712	1,259	29,150
1939-40	19,320	2,103	12,554	3,148	37,125
1940-41	29,273	4,900	14,567	2,716	51,456
1941-42	45,558	6,899	17,907	2,384	72,748
1942-43	38,621	8,481	17,122	3,107	67,331
1943-44	42,580	9,478	17,475	4,512	74,045
1944-45	42,706	9,173	16,500	5,367	74,746
1945-46(c)	43,082	9,000	16,229	6,562	74,873

(a) Includes Powdered Full Cream and Powdered Skim, but excludes Powdered Butter Milk.

(b) Includes Milk Sugar. (c) Subject to revision.

17. MONTHLY PRODUCTION OF PRESERVED MILK PRODUCTS - AUSTRALIA: The following table shows particulars of monthly production of Condensed Milk, Sweetened (Full Cream) and Powdered Milk Spray (Full Cream), from January, 1943 to August, 1946.

TABLE XXVI. MONTHLY FACTORY PRODUCTION OF CONDENSED MILK (SWEETENED) AND POWDERED MILK (FULL CREAM) : AUSTRALIA.

(In Tons of 2,240 lb.)

Month	Condensed Milk (Sweetened)				Powdered Milk (Full Cream) Spray			
	1943	1944	1945	1946	1943	1944	1945	1946
January ..	2,158	2,290	3,056	3,177	(a)	1,416	892	740
February ..	995	1,767	1,688	2,696	(a)	950	697	715
March ..	944	1,391	1,636	2,744	(a)	685	623	816
April ..	933	1,161	823	3,384	(a)	643	633	810
May ..	1,118	1,116	994	2,788	(a)	515	350	668
June ..	1,454	1,415	577	1,926	(a)	513	378	730
July ..	1,420	1,575	1,152		(a)	632	509	
August ..	1,815	2,592	1,930		710	767	760	
September ..	3,525	3,457	2,869		987	1,275	1,089	
October ..	4,036	4,733	4,163		1,475	1,572	1,375	
November ..	4,526	5,229	4,688		1,645	1,588	1,527	
December ..	3,474	4,001	4,116		1,543	1,310	1,320	
TOTAL:	26,398	30,727	27,692		(a)	11,866	10,153	

(a) Not available.

18. OVERSEA EXPORTS OF PRESERVED MILK PRODUCTS - AUSTRALIA: The following table shows particulars of the overseas exports of Preserved Milk Products during the years 1938-39 to 1945-46:-

TABLE XXVII. OVERSEA EXPORTS OF PRESERVED MILK PRODUCTS : AUSTRALIA.
(In Tons of 2,240 lb.)

Year	Preserved, Condensed, Concentrated, etc.		Dried or in Powdered Form			
	Sweetened Full Cream	Un-sweetened	Full Cream	Skim	Infants' & Invalids' Foods	Malted Milk
1938-39	5,613	337	1,340	257	731	252
1939-40	9,649	1,564	1,349	827	641	334
1940-41	16,803	3,105	2,548	1,632	776	269
1941-42	23,663	5,287	2,141	1,637	567	476
1942-43	19,310	3,749	2,167	564	115	495
1943-44	8,811	4,402	3,136	93	296	786
1944-45	9,270	5,181	3,924	54	1,360	1,135
1945-46	17,556	4,307	3,905	467	1,236	917

In addition to the above, Sweetened Condensed Skim Milk is also exported. The quantity amounted to 8 tons in 1940-41 and 248 tons for 1945-46.

ASSISTANCE TO DAIRYING INDUSTRY

19. SUBSIDIES:

(i) Dairying Industry. With an increasing demand for Butter, Cheese and Processed Milk products as well as for whole milk, it was necessary that production should be increased to the limit of existing resources. With this object in view, the Commonwealth Government undertook to subsidize production and thus encourage dairy farmers to maintain output at the highest level possible.

Particulars of the assistance provided were given in the August 1944 issue of this Summary (Vol. 7, No. 5).

(ii) Butter, Cheese and Condensed Milk, etc.: The Commonwealth Government announced additional subsidies of 0.44d per lb. from butter from 1st November, 1945. From 1st April, 1946, subsidies on butter, cheese and processed milks have been paid on a flat rate basis instead of the previous seasonal basis. The return to producers for the subsidy year 1946-47 is based on 1/7.5d per lb. butter equivalent at the factory. These subsidies will be subject to review as to the rates for the year ended 31st March, 1948, but the rates for that year will not be less than those now current.

Details of the amounts distributed under the Dairy Industry Assistance Acts are given in the following table:-

TABLE XXVIII. COMMONWEALTH SUBSIDIES TO THE DAIRYING INDUSTRY
UNDER DAIRYING INDUSTRY ASSISTANCE ACTS.
(£'000)

Year ended June	N.S.W.	VIC.	QLD.	S.A.	W.A.	TAS.	TOTAL
1943	277	430	365	50	42	22	1,186
1944	1,833	2,614	2,146	338	265	130	7,346
1945	1,495	2,717	1,879	315	260	146	(a) 6,812
1946	1,524	2,384	1,745	323	274	124	6,374

(a) This amount includes assistance on export dairy products paid in the first instance by the Commonwealth Government and recovered from the Government of the United Kingdom. The amount recovered during 1944-45 amounted to £1,659,325.

(iii) Wholemilk: In addition to the subsidies referred to above, the Commonwealth Government also subsidises the production of whole milk consumed directly. The subsidy rates vary according to States, regions within the State and the seasonal period. Details of the amounts distributed are given in the following table:-

TABLE XXIX. COMMONWEALTH SUBSIDY ON WHOLE MILK
FOR DIRECT HUMAN CONSUMPTION.
(£'000)

Year ended June	N.S.W.	VIC.	QLD.	S.A.	W.A.	TAS.	TOTAL
1944	35	180	94	-	-	10	319
1945	734	510	210	212	65	25	(a) 1,776
1946	1,042	763	295	233	122	55	(b) 2,510

(a) Includes A.C.T., £9,765. (b) Includes A.C.T., £10,056.

QUARTERLY SUMMARY OF THE DAIRYING INDUSTRY IN AUSTRALIA
JULY, AUGUST AND SEPTEMBER, 1946

TABLE I : BUTTER : MONTHLY FACTORY PRODUCTION - STATES.
 (See Table IX of Dairy Summary June, 1946 : Vol. 9 No. 7)

(Unit : Tons)

State	Year	Month of -			Cumulative totals from 1st July to end of	
		July	August	September	August	September
New South Wales ..	1944	1,097	1,305	2,405	2,462	4,867
	1945	1,464	1,787	2,236	3,251	5,487
	1946	1,176	1,230	1,452	2,406	3,858
Victoria ..	1944	2,163	3,438	5,151	5,601	10,752
	1945	1,599	2,476	3,822	4,075	7,897
	1946	2,911	4,368	6,256	7,279	13,535
Queensland ..	1944	1,684	2,318	3,102	3,902	7,004
	1945	2,622	3,044	3,150	5,666	8,816
	1946	1,554	1,423	1,250	2,977	4,227
South Australia ..	1944	658	801	845	1,459	2,304
	1945	462	609	714	1,071	1,785
	1946	797	944	987	1,741	2,728
Western Australia	1944	463	663	806	1,126	1,932
	1945	495	615	741	1,110	1,851
	1946	514	658	803	1,172	1,975
Tasmania ..	1944	59	101	229	160	389
	1945	66	105	232	171	403
	1946	96	131	321	227	548
TOTAL:	1944	6,124	8,586	12,538	14,710	27,248
	1945	6,708	8,636	10,895	15,344	26,239
	1946	7,048	8,754	11,069	15,802	26,871

TABLE II : CHEESE : MONTHLY FACTORY PRODUCTION - STATES
 (See Table XVIII of Dairy Summary June, 1946 : Vol. 9 No. 7)
 (Unit : Tons)

State	Year	Month of -			Cumulative totals from 1st July to end of	
		July	August	September	August	September
New South Wales ..	1944	49	73	171	122	293
	1945	68	112	197	180	377
	1946	79	106	115	185	300
Victoria ..	1944	429	810	1,443	1,239	2,688
	1945	237	620	1,288	857	2,145
	1946	668	1,180	1,548	1,848	3,756
Queensland ..	1944	445	667	962	1,112	2,074
	1945	616	1,027	1,165	1,843	3,008
	1946	437	429	353	866	1,219
South Australia ..	1944	569	861	1,118	1,430	2,548
	1945	450	652	1,023	1,102	2,125
	1946	575	1,148	1,493	2,023	3,516
Western Australia	1944	60	107	152	167	319
	1945	35	63	114	98	212
	1946	57	99	163	156	319
Tasmania ..	1944	20	37	66	57	123
	1945	20	31	61	51	112
	1946	28	43	68	71	139
TOTAL:	1944	1,572	2,555	3,918	4,127	8,045
	1945	1,626	2,505	3,848	4,131	7,979
	1946	2,144	3,005	4,140	5,149	9,289

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS,

CANBERRA. A.C.T.

7TH NOVEMBER, 1946

SUMMARY OF THE DAIRYING INDUSTRY IN AUSTRALIA
OCTOBER, 1946

TABLE 1 : BUTTER : MONTHLY FACTORY PRODUCTION - STATES
(See Table 1X of Dairy Summary June, 1946 : Vol. 9 No.7)
(Unit : Tons)

State	Year	Month of -			Cumulative totals from 1st July to end of		
		August	September	October	August	September	October
New South Wales..	1944	1,365	2,405	3,787	2,462	4,867	8,654
	1945	1,787	2,236	3,370	3,251	5,487	8,857
	1946	1,230	1,452	1,985	2,406	3,858	5,843
Victoria ..	1944	3,438	5,151	7,096	5,601	10,752	17,848
	1945	2,476	3,822	6,181	4,075	7,897	14,078
	1946	4,368	6,256	8,146	7,279	13,535	26,681
Queensland ..	1944	2,218	3,102	3,648	3,902	7,004	10,652
	1945	3,044	3,150	3,987	5,666	8,816	12,803
	1946	1,423	1,250	1,580	2,977	4,227	5,807
South Australia	1944	801	845	897	1,459	2,304	3,201
	1945	609	714	893	1,071	1,785	2,678
	1946	944	987	1,112	1,741	2,728	3,840
Western Australia	1944	663	806	927	1,126	1,932	2,859
	1945	615	741	972	1,110	1,851	2,823
	1946	658	803	1,005	1,172	1,975	2,980
Tasmania ..	1944	101	229	476	160	389	865
	1945	105	232	478	171	403	881
	1946	131	321	551	227	548	1,099
TOTAL:	1944	8,586	12,538	16,831	14,710	27,248	44,079
	1945	8,636	10,895	15,881	15,344	26,239	42,120
	1946	8,754	11,069	14,379	15,802	26,871	41,250

TABLE 11 : CHEESE : MONTHLY FACTORY PRODUCTION - STATES
(See Table XVII of Dairy Summary June, 1946 : Vol. 9 No. 7)
(Unit : Tons)

State	Year	Month of -			Cumulative totals from 1st July to end of		
		August	September	October	August	September	October
New South Wales	1944	73	171	296	122	293	589
	1945	112	197	278	180	377	655
	1946	106	115	172	185	300	472
Victoria ..	1944	810	1,449	2,147	1,239	2,688	4,835
	1945	620	1,288	2,001	857	2,145	4,146
	1946	1,180	1,948	2,690	1,848	3,796	6,486
Queensland ..	1944	667	962	1,131	1,112	2,074	3,205
	1945	1,027	1,165	1,235	1,843	3,008	4,243
	1946	429	353	436	866	1,219	1,655
South Australia	1944	861	1,118	1,428	1,430	2,548	3,976
	1945	652	1,023	1,419	1,102	2,125	3,544
	1946	1,148	1,493	1,794	2,023	3,516	5,310
Western Australia	1944	107	152	134	167	319	453
	1945	63	114	168	98	212	380
	1946	99	163	204	156	319	523
Tasmania ..	1944	37	66	137	57	123	260
	1945	31	61	117	51	112	229
	1946	43	68	118	71	139	257
TOTAL:	1944	2,555	3,918	5,273	4,127	8,045	13,318
	1945	2,505	3,848	5,218	4,131	7,979	13,197
	1946	3,005	4,140	5,414	5,149	9,289	14,703

TABLE 10 : BUTTER : MONTHLY FACTORY PRODUCTION - STAGES
(See Table IX c. Dairy Summary June, 1946 : Vol. 9 No. 7)
(Unit : Tons)

State	Year	Month of -			Cumulative totals from 1st July to end of		
		September	October	November	September	October	November
New South Wales	1944	2,405	3,757	3,649	4,507	8,654	12,303
	1945	2,236	3,370	3,295	5,487	8,657	12,152
	1946	1,452	1,985	2,253	3,558	5,843	8,106
Victoria	1944	5,151	7,096	7,170	10,752	17,848	25,018
	1945	3,822	5,181	6,716	7,697	14,073	20,794
	1946	6,255	6,146	8,002	13,535	26,681	29,743
Queensland	1944	3,102	3,648	2,933	7,004	10,652	13,585
	1945	3,185	3,587	3,719	8,814	12,803	16,522
	1946	1,250	1,580	2,036	4,227	5,807	7,893
South Australia	1944	845	897	788	2,304	3,201	3,989
	1945	714	893	809	1,785	2,678	3,487
	1946	987	1,112	950	2,728	3,540	4,790
Western Australia	1944	506	927	815	1,982	2,859	3,674
	1945	741	972	876	1,851	2,823	3,599
	1946	803	1,005	857	1,975	2,980	3,827
Tasmania	1944	229	476	600	389	845	1,465
	1945	232	479	601	403	831	1,432
	1946	321	551	680	591	1,036	1,729
TOTAL	1944	18,338	26,321	18,958	47,246	77,079	100,034
	1945	16,895	25,881	16,012	38,899	62,140	88,138
	1946	11,069	14,373	12,863	26,671	46,280	61,118

TABLE 11 : CHEESE : MONTHLY FACTORY PRODUCTION - STAGES
(See Table XVIII of Dairy Summary June, 1946 : Vol. 9 No. 7)
(Unit : Tons)

State	Year	Month of -			Cumulative totals from 1st July to end of		
		September	October	November	September	October	November
New South Wales	1944	171	276	233	293	589	872
	1945	197	276	233	377	655	888
	1946	115	172	205	300	472	677
Victoria	1944	1,449	2,147	2,140	2,686	4,835	6,975
	1945	1,288	2,001	2,202	2,145	4,146	6,348
	1946	1,948	2,600	2,757	3,796	6,486	9,243
Queensland	1944	962	1,131	523	2,074	3,205	4,028
	1945	1,165	1,235	1,001	3,006	4,213	5,244
	1946	353	436	537	1,219	1,655	2,192
South Australia	1944	1,113	1,428	1,295	2,548	3,976	5,271
	1945	1,023	1,419	1,366	2,128	3,544	4,930
	1946	1,493	1,794	1,712	3,516	5,210	7,022
Western Australia	1944	152	134	141	319	453	594
	1945	114	168	153	212	350	536
	1946	163	204	197	319	523	720
Tasmania	1944	66	137	176	123	260	438
	1945	61	117	140	112	239	389
	1946	68	118	164	139	287	451
TOTAL	1944	3,918	5,275	4,255	8,248	13,818	18,176
	1945	3,648	5,213	5,140	7,979	12,197	15,337
	1946	4,140	5,114	5,572	9,169	12,708	20,275

SUMMARY OF THE DAIRYING INDUSTRY IN AUSTRALIA
DECEMBER 1946.

TABLE 1 : BUTTER : MONTHLY FACTORY PRODUCTION - STATES
(See Table IX of Dairy Summary June, 1946 : Vol. 9 No.7)
(Unit : Tons)

State	Year	Month of -			Cumulative totals from 1st July to end of -		
		October	November	December	October	November	December
New South Wales	1944	3,787	3,649	3,362	8,654	12,303	15,665
	1945	3,370	3,295	3,936	8,857	12,152	16,088
	1946	1,985	2,263	2,844	5,843	8,106	10,950
Victoria	1944	7,096	7,170	5,927	17,848	25,018	30,945
	1945	6,181	6,716	8,936	14,078	20,794	26,595
	1946	8,146	8,062	7,201	21,681	29,743	36,944
Queensland	1944	3,648	2,933	4,081	10,652	13,585	17,666
	1945	3,987	3,719	4,870	12,803	16,522	21,392
	1946	1,580	2,086	2,963	5,607	7,893	10,856
South Australia	1944	897	788	647	3,201	3,989	4,636
	1945	893	809	675	2,678	3,487	4,162
	1946	1,112	950	792	3,840	4,790	5,582
Western Australia	1944	927	815	583	2,859	3,674	4,257
	1945	972	876	629	2,823	3,699	4,328
	1946	1,305	857	663	2,980	3,837	4,300
Tasmania	1944	476	600	593	865	1,465	2,058
	1945	478	601	545	881	1,482	2,027
	1946	551	650	679	1,099	1,749	2,428
<u>TOTAL</u>	1944	16,831	15,955	15,193	44,079	60,034	75,227
	1945	15,881	16,016	16,456	42,120	58,136	74,592
	1946	14,379	14,868	15,142	41,250	56,118	71,260

TABLE 11 : CHEESE : MONTHLY FACTORY PRODUCTION - STATES
(See Table XVIII of Dairy Summary June, 1946 : Vol. 9 No.7)
(Unit : Tons)

State	Year	Month of -			Cumulative totals from 1st July to end of -		
		October	November	December	October	November	December
New South Wales	1944	296	283	236	599	872	1,108
	1945	278	233	305	655	888	1,193
	1946	172	205	269	472	677	946
Victoria	1944	2,147	2,140	1,799	4,835	6,975	8,774
	1945	2,001	2,202	1,960	4,146	6,348	8,308
	1946	2,690	2,757	2,464	6,486	9,243	11,707
Queensland	1944	1,131	823	835	3,205	4,028	4,863
	1945	1,235	1,001	1,219	4,243	5,244	6,463
	1946	436	537	712	1,655	2,192	2,904
South Australia	1944	1,428	1,295	959	3,976	5,271	6,230
	1945	1,419	1,386	1,053	3,544	4,930	5,983
	1946	1,794	1,712	1,291	5,310	7,022	8,313
Western Australia	1944	134	141	97	453	594	691
	1945	160	158	111	380	538	649
	1946	204	197	114	523	720	834
Tasmania	1944	137	176	186	260	436	622
	1945	117	168	166	229	389	555
	1946	118	164	136	257	421	557
<u>TOTAL</u>	1944	5,273	4,858	4,112	13,318	18,176	22,288
	1945	5,218	5,140	4,814	13,197	18,337	23,151
	1946	5,414	5,572	4,968	14,703	20,275	25,261

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS.

CANBERRA, A.C.T.

12TH FEBRUARY, 1947.